C.I.P.S.
Modèle mathématique de la
Pollution en Mer du Nord

Technical Report

1974/06 CHIMIE 02

Campagne Escaut du

24 au 27 juin 1974

Université Libre de Bruxelles
Institut de Chimie Industrielle
Service Environnement

Direction : Prof. Roland WOLLAST

Campagne Escaut du 24 au 27 juin 1974

Radiales (MSI Hasselt)

Point	date	heure	longitude	latitude	Salinité C E R g Cl⁻ /l	salinité D E R ‰	SiO_2 diss ppb
1	24/6/74	10.50	51°14'20"N	2°53'30"E	17.39	31.350	148
2		11.10	12'50"	49'40"	17.52	31.406	144
3		11.26	10'55"	45'	17.53	31.836	178
4		11.45	09'40"	40'	18.13	31.767	154
5		12.06	08'35"	'10"	18.55	31.796	63
6		12.30	09'40"	40'	17.77	31.498	106
7		12.55	10'55"	45'	17.19	31.350	225
8		13.12	12'50"	49'40"	17.03	31.350	216
9		13.27	14'20"	53'20"	17.03	31.282	246
10		13.50	16'10"	58'	16.99	31.257	295
11		14.10	17'50"	3°01'40"	17.19	31.454	255
12		14.30	19'10"	05'30"	17.04	31.379	233
13		14.49	20'40"	10'	17.08	31.235	286
14		15.10	22'	14'30"	17.08	31.370	148
15		15.21	23'10"	18'	17.04	31.392	171
16		15.35	23'50"	20'10"	17.04	31.565	165
17		15.43	24'10"	23'40"	17.08	31.533	154
18		15.50	24'30"	26'	17.28	31.497	93
19		15.58	25'	28'30"	17.29	31.562	151
20		16.10	25'40"	33'30"	17.51	31.774	130
21	25/6/74	16.50	28'25"	09'15"	18.12	32.175	(18)
22		17.00	28'25"	11'36"	18.13	32.464	(20)
23		17.10	28'25"	13'58"	18.12	32.381	(20)
24		17.16	28'25"	16'19"	18.01	32.334	(20)
25		17.24	28'25"	18'41"	17.89	32.283	(28)
26		17.33	28'25"	21'05"	17.77	32.159	(24)
27		17.43	28'25"	23'24"	17.76	32.053	(24)
28		17.48	28'25"	25'45"	17.76	32.119	38
29		17.56	28'25"	28'07"	17.52	32.946	(20)
30	26/6/74	13.47	24'20"	07'40"	18.01	32.269	(24)

Point	date	heure	longitude	latitude	chlorinité g Cl^-/l CER	salinité ‰ (DER)	SiO_2diss.
31	26/6/74	14.00	24'25"	11'-	17.77	32.020	74
32		14.15	24'35"	14'10"	17.52	31.472	126
33		14.25	24'35"	17'25"	17.39	31.574	96
34		14.36	24'45"	20'40"	17.28	31.473	111
35		14.48	25'-	23'50"	17.08	31.357	117
36		15.02	25'10"	26'50"	16.88	31.065	76
37		15.10	25'20"	30'-	16.87	30.849	98
38		15.20	25'35"	34'40	16.66	30.517	118
39		15.26	25'45"	34'40"	16.54	30.310	80
40		15.51	26'50"	33'25"	17.40	31.778	(25)
41		15.59	27'25"	31'35"	17.40	31.813	(34)
42		16.08	28'20"	30'45"	17.37	31.742	(26)
43		16.16	51°29'20"N	3°29'45"E	17.40	31.788	(28)
44		16.24	30'05"	28'-	17.29	31.702	(36)
45		16.32	30'50"	26'30"	17.29	31.618	(25)
46		16.41	31'50"	25'40"	17.19	31.407	(16)
47		16.50	33'-	25'	17.50	31.852	(14)
48		16.56	34'-	24'10"	17.40	31.806	(10)
49		17.05	35'-	23'10"	17.64	32.282	(10)
50		17.17	34'-	20'40"	17.55	32.219	(14)
51		17.25	33'-	18'20"	17.52	32.100	(14)
52		17.40	31'30"	15'20"	17.66	32.153	(11)
53		17.54	29'40"	12'30"	17.75	32.171	(16)
54		18.05	28'25"	09'20"	17.55	32.161	(19)
55		18.15	27'-	09'40"	17.64	32.055	31
56		18.22	25'45"	10'20"	17.54	31.968	(19)
57		18.27	24'20"	10'40"	17.54	31.979	31
58		18.35	23'20"	11'15"	17.54	31.869	168
59		18.41	22'-	11'45"	17.41	31.641	130
60	27/7/74	10.36	cf. point n°30		17.91	31.695	93

point	date	heure	longitude	latitude	chlorinité gCl^-/l CER	salinité ‰ DER	SiO_2
61	27/6/74	10.49	cf. point n°31		17.77	31.609	81
62		11.01		32	17.77	31.526	72
63		11.19		33	17.41	31.788	91
64		11.29		34	17.40	30.740	76
65		11.41		35	17.28	30.669	160
66		11.55		36	17.19	31.409	89
67		12.07		37	17.03	31.197	109
68		12.21		38	17.04	30.779	89
69		12.29		39	16.90	30.904	96
70		12.40		40	17.03	31.007	91
71		12.49		41	17.14	31.266	56
72		13.05		42	17.28	31.463	83
73		13.12		43	17.40	31.619	54
74		13.20		44	17.41	31.637	28
75		13.25		45	17.41	31.599	21
76		13.35		46	17.40	31.577	33
77		13.40		47	17.40	31.602	19
78		13.49		48	17.40	31.573	29
79		13.55		49	17.29	31.647	27

Mechelen Point fixe O G D L

27/07/74

prof.	heure	salinité ‰	SiO_2
S	07.30		27
S	08.00	31.573	71
F		31.608	52
S	08.30	31.527	38
F		31.600	50
S	09.00	31.553	52
F		31.589	68
S	09.30	31.589	342
F		31.629	70
S	10.00	31.612	67
F		31.582	252
S	10.30	31.605	49
F		31.721	110
S	11.00	31.636	31
F		31.597	61
S	11.30	31.638	103
F		31.695	41
S	12.00	31.588	55
F		31.622	50
S	12.30	31.617	57
F		31.593	94
S	13.00	31.479	194
F		31.544	88
S	13.30	31.427	59
F		31.533	310
S	14.00	31.381	57
F		31.109	210
S	14.30	31.449	57
F		31.402	141
S	15.00	31.630	31
F		31.637	217

27/06/74 et 28/06/74

Prof.	heure	salinité	SiO_2
S	15.30	31.453	36
F		31.613	58
S	16.00	31.639	39
F		31.643	56
S	16.30	31.580	76
F		31.567	76
S	17.00	31.641	27
F		31.613	80
S	17.30	31.582	>300 ppb
F		31.593	180
S	18.00	31.559	55
F		31.544	66
S	18.30	31.547	16
F		31.546	69
S	19.00	31.574	20
F		31.531	38
S	19.30	31.491	44
F		31.519	56
S	20.00	31.583	16
F		31.502	39
S	20.30	31.532	78
F		31.527	113

Mechelen Point fixe S H 25/06/74 et S H 26/06/74

S H 25/06/74				S H 26/06/74			
prof.	heure	salinité	SiO_2	prof.	heure	salinité	SiO_2
Surf.	07.00	32.050	46	Surf.	07.30	31.136	-
fond		32.077	72	fond		31.129	-
S	08.00	31.681	58	S	08.30	32.129	82
F		31.066	65	F		32.146	89
S	09.00	31.507	>	S	09.30	31.555	117
F		31.449	-	F		31.977	139
S	10.00	31.513	72	S	10.30	31.580	52
F		31.543	125	F		31.594	61
S	11.00	31.655	88	S	11.30	31.565	52
F		31.653	154	F		31.588	179
S	12.00	31.522	62	S	12.30	31.319	89
F		31.585	125	F		31.627	91
S	13.00	31.284	98	S	13.30	31.539	100
F		31.363	143	F		31.477	52
S	14.00	31.379	86	S	14.30	31.057	79
F		31.593	48	F		31.416	58
S	15.00	31.561	65	S	15.30	31.442	159
F		31.638	99	F		31.460	73
S	16.00	31.644	199	S	16.30	31.347	57
F		31.632	104	F		31.574	70
S	17.00	31.630	111	S	17.30	31.464	88
F		31.498	181	F		31.492	139
S	18.00	31.761	90	S	18.30	31.663	56
F		31.809	175	F		31.654	341
S	19.00	31.994	82	S	19.30	31.781	176
F		31.915	144	F		31.867	144
S	20.00	31.910	98	S	20.30	31.818	-
F		31.816	144	F		31.893	-

Campagne Escaut 24 au 27 juin 1974

1. Profils Breskens-Terneuzen 24/06/74

	point	heure	chlorinité g Cl⁻/l
étale marée basse	B1	12.50	14.8
	B7	13.00	15.1
	B15	13.15	14.6
	B21	13.25	14.2
	B25	13.30	14.2
	B18	13.38	13.7
	B22	13.45	13.9
étale marée haute	B1	17.05	16.7
	B7	17.18	16.5
	B15	17.30	16.1
	B21	17.40	15.5
	B25	17.45	15.2
	B18	17.53	15.2
	B22	18.00	15.1

2. Profils Breskens-Vlissingen 25/06/74

	Bouée	heure	chlorinité g Cl⁻/l	SiO_2 ppb
	SG-W	10.04	16.2	98
I	W-12	07	16.3	96
G	W-10	10	16.5	82
F	1/2 W10/SSVH	15	16.3	115
D	SSVH	20	15.9	245
A	Bresk.MS	25	16.0	170
	SG-W	13.23	16.5	96
I	W-12	20	15.9	107
G	W-10	18	15.8	219
F	1/2 W10/SSVH	15	15.8	161
D	SSVH	09	15.3	185
A	Bresk.MS	05	15.2	252
	SG-W	15.55	16.5	44
I	W-12	57	15.9	142
G	W-10	59	16.2	166
F	1/2 W10/SSVH	16.03	16.4	149
D	SSVH	05	16.3	154
A	Bresk.MS	08	16.3	73
	SG-W	19.16	16.9	24
I	W-12	14	16.9	36
G	W-10	12	16.8	149 116
F	1/2 W10/SSVH	08	16.5	156 107
D	SSVH	05	16.4	176
A	Bresk.MS	00	16.5	120 163